

A poison tolerant anode structure for use in fuel cells, in particular suitable for use on proton exchange membrane fuel cells, comprising a first catalytic component Pt-Y where Y is a bronze forming element, and optionally a third metal X alloyed with the platinum, and a second catalytic component Pt-M where M, metal, is alloyed with the platinum. An anode, a catalysed membrane, a membrane electrode assembly and a fuel cell comprising the electrode structure, are disclosed.